IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently amended). A medicament consisting of a ~~comprising at least one~~ halogenated xanthene as the ~~a primary~~ active component, wherein said medicament is for chemotherapeutic treatment of diseases of human and animal tissue.

Claim 2 (Original). The medicament of Claim 1 wherein said halogenated xanthene is present in a concentration of greater than about 0.001% to less than about 20%.

Claim 3 (Currently amended). The medicament of Claim 1 wherein said halogenated xanthene ~~comprises~~ is Rose Bengal.

Claim 4 (Currently amended). The medicament of Claim 1 wherein said halogenated xanthene is a ~~includes at least one~~ compound selected from the group consisting of 4',5'-Dichlorofluorescein; 2',7'-Dichlorofluorescein; 4,5,6,7-Tetrachlorofluorescein; 2',4',5',7'-Tetrachlorofluorescein; Dibromofluorescein; Solvent Red 72; Diiodofluorescein; Ethyl Eosin; Erythrosin B; Phloxine B; Rose Bengal; 4,5,6,7-Tetrabromoerythrosin; Mono-, Di-, or Tribromoerythrosin; Mono-, Di-, or Trichloroerythrosin; Mono-, Di-, or Trifluoroerythrosin; 2',7'-Dichloro-4,5,6,7-Tetrafluorofluorescein; 2',4,5,6,7,7'-Hexafluorofluorescein; and 4,5,6,7-Tetrafluorofluorescein.

Claim 5 (Original). The medicament of Claim 1 further comprising at least one targeting moiety coupled to said halogenated xanthene.

Claim 6 (Original). The medicament of Claim 5 wherein said targeting moiety is selected from the group consisting of deoxyribonucleic acid (DNA), ribonucleic acid (RNA), amino acids, proteins, antibodies, ligands, haptens, carbohydrate receptors, carbohydrate complexing agents, lipid receptors, lipid complexing agents, protein receptors, protein complexing agents, chelators, encapsulating vehicles, short-chain aliphatic hydrocarbons, long-chain aliphatic hydrocarbons, aromatic hydrocarbons, aldehydes, ketones, alcohols, esters, amides, amines, nitriles, azides, hydrophilic moieties and hydrophobic moieties.

Claim 7 (Original). The medicament of Claim 1 wherein said medicament is formulated in a delivery vehicle selected from the group consisting of liquids, semisolids, solids and aerosols.

Claim 8 (Original). The medicament of Claim 7 wherein said vehicle is selected from the group consisting of aqueous suspensions, non-aqueous suspensions, solutions, creams, ointments, gels, syrups, suppositories, tablets, capsules and micro-droplet sprays.

Claim 9 (Original). The medicament of Claim 1 wherein said halogenated xanthene is in a delivery vehicle that includes an adjuvant selected from the group consisting of builders, stabilizers, emulsifiers, dispersants, preservatives, buffers, electrolytes, tissue penetrating agents and tissue softening agents.

Claim 10 (Previously presented). The medicament of Claim 1 wherein said medicament is for the treatment of indications selected from the group consisting of diseases of the skin and related organs, diseases of the mouth and digestive tract and related organs, diseases of the urinary and reproductive tracts and related organs, diseases of the respiratory tract and related organs, diseases of the circulatory system and related organs, diseases of the head and neck, diseases of the endocrine and lymphoreticular systems and related organs, diseases of connective tissues, diseases of tissue surfaces exposed during surgery, and diseases caused by microbial, viral, fungal, and parasitic infection.

Claim11 (Original). The medicament of Claim 1 wherein said medicament is administered using a route of administration selected from the group consisting of intravenous injection, intraperitoneal injection, intramuscular injection, intracranial injection, intratumoral injection, intraepithelial injection, transcutaneous delivery, per oesophageal administration, intraabdominal administration, intraapendicular administration, intraarterial administration, intraarticular administration, intrabronchial administration, intrabuccal administration, intracapsular administration, intracardial administration, intracartilaginous administration, intracavitary administration, intracephalic administration, intracolic administration, intracutaneous administration, intracystic administration, intradermal administration, intraductal administration, intraduodenal administration, intrafascicular administration, intrafat administration, intrafilar administration, intrafissural administration, intragastric administration, intraglandular administration, intrahepatic administration, intraintestinal administration, intralamellar administration, intralesional administration, intraligamentous administration, intralingual administration, intramammary

administration, intramedullary administration, intrameningeal administration, intramyocardial administration, intranasal administration, intraocular administration, intraoperative administration, intraoral administration, intraosseous administration, intraovarian administration, intrapancreatic administration, intraparietal administration, intrapelvic administration, intrapericardial administration, intraperineal administration, intraperitoneal administration, intraplacental administration, intrapleural administration, intrapontine administration, intraprostatic administration, intrapulmonary administration, intrarachidian administration, intrarectal administration, intrarenal administration, intrascleral administration, intrascrotal administration, intrasegmental administration, intrasellar administration, intraspinal administration, intrasplenic administration, intrasternal administration, intrastromal administration, intrasynovial administration, intratarsal administration, intratesticular administration, intrathoracic administration, intratonsillar administration, intratracheal administration, intratubal administration, intratympanic administration, intraureteral administration, intraurethral administration, intrauterine administration, intravaginal administration, intravascular administration, intraventricular administration, intravertebral administration, intravesical administration, and intravitreous administration.

Claims 12-18 (Canceled).

Claim 19 (Currently amended). A chemotherapeutic pharmaceutical composition for intracorporeal administration consisting of ~~comprising~~ a halogenated xanthene as the active component.

Claim 20 (Original). The pharmaceutical composition of Claim 19 wherein said halogenated xanthene is present in a concentration of greater than about 0.001% to less than about 20%.

Claim 21 (Currently amended). The pharmaceutical composition of Claim 19 wherein said halogenated xanthene ~~comprises~~ is Rose Bengal.

Claim 22 (Currently amended). The pharmaceutical composition of Claim 19 wherein said halogenated xanthene is a ~~includes at least one~~ compound selected from the group consisting of 4',5'-Dichlorofluorescein; 2',7'-Dichlorofluorescein; 4,5,6,7-Tetrachlorofluorescein; 2',4',5',7'-Tetrachlorofluorescein; Dibromofluorescein; Solvent Red 72; Diiodofluorescein; Ethyl Eosin; Erythrosin B; Phloxine B; Rose Bengal; 4,5,6,7-Tetrabromoerythrosin; Mono-, Di-, or Tribromoerythrosin; Mono-, Di-, or Trichloroerythrosin; Mono-, Di-, or Trifluoroerythrosin; 2',7'-Dichloro-4,5,6,7-Tetrafluorofluorescein; 2',4,5,6,7,7'-Hexafluorofluorescein; and 4,5,6,7-Tetrafluorofluorescein.

Claim 23 (Original). The pharmaceutical composition of Claim 19 further comprising at least one targeting moiety coupled to said halogenated xanthene.

Claim 24 (Original). The pharmaceutical composition of Claim 22 wherein said targeting moiety is selected from the group consisting of deoxyribonucleic acid (DNA), ribonucleic acid (RNA), amino acids, proteins, antibodies, ligands, haptens, carbohydrate receptors, carbohydrate complexing agents, lipid receptors, lipid complexing agents, protein receptors, protein complexing

agents, chelators, encapsulating vehicles, short-chain aliphatic hydrocarbons, long-chain aliphatic hydrocarbons, aromatic hydrocarbons, aldehydes, ketones, alcohols, esters, amides, amines, nitriles, azides, hydrophilic moieties and hydrophobic moieties.

Claim 25 (Original). The pharmaceutical composition of Claim 19 wherein said pharmaceutical composition is formulated in a delivery vehicle selected from the group consisting of liquids, semisolids, solids and aerosols.

Claim 26 (Original). The pharmaceutical composition of Claim 24 wherein said vehicle is selected from the group consisting of aqueous suspensions, non-aqueous suspensions, solutions, creams, ointments, gels, syrups, suppositories, tablets, capsules and micro-droplet sprays.

Claim 27 (Original). The pharmaceutical composition of Claim 19 wherein said halogenated xanthene is in a delivery vehicle that includes an adjuvant selected from the group consisting of builders, stabilizers, emulsifiers, dispersants, preservatives, buffers, electrolytes, tissue penetrating agents and tissue softening agents.

Claims 28-20 (Canceled).

Claim 31 (Currently amended). A pharmaceutical composition consisting of a ~~medicament comprising at least one~~ halogenated xanthene as the ~~a primary~~ active component, wherein such composition ~~medicament~~ is for chemotherapeutic treatment of diseases of human and animal tissue.

Claim 32 (Canceled).

Claim 33 (Currently amended). The pharmaceutical composition of Claim 31 [[32]] wherein said halogenated xanthene is Rose Bengal.